Education and Employment for Technological Excellence in Aviation, Missiles and Space (EE-TEAMS) Academic Grants Awards

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Mission

To wisely use and pool federal (civilian and military) resources to accomplish our research and development missions by supporting colleges and universities, and the students attending them, that have the ability to assist us in maintaining the U.S. lead in space and national defense.

Interagency Project

- LTG Larry J. Dodgen, Commanding General, U.S. Army Space and Missile Defense Command
- BG Mike Cannon, Program Executive Officer, Missiles and Space
- Mr. David A. King, Director, National Aeronautics and Space Administration, George C. Marshall Space Flight Center
- Mr. Thomas M. Devanney, Acting Program Director, Ground-Based Midcourse Defense Joint Program Office
- Dr. William McCorkle, Aviation and Missile Research, Development and Engineering Center
- Mr. Paul Bogosian, Program Executive Officer, Aviation

2005 Grant Awardees and Topics

- Received 53 Proposals
- Selected 5 Awardees
- Total $962,388
- Topic Areas, Number Proposals, and Awards
  - Five (5) proposals were submitted in more than one topic area
  - SMART Systems (24 proposals and 1 award)
  - High Energy Density Materials for Propulsion and Power Generation (17 proposals and 2 awards)
  - Application of Micro Electrical Mechanical Systems (MEMS) and Nano-Technology to Sensors, Advanced Materials, Propulsion and Structures (17 proposals and 2 awards)

SMART Systems

- Alabama A&M University
- "Development of Broad-Band Pyroelectric Thick-Film Based Uncooled Infrared Sensors"
- Dr. A. K. Batra (accepting the award is Dr. Rose M. Yates)
- $197,127

High Energy Density Materials for Propulsion and Power Generation

- Alabama A&M University
- (HBCU Set-Aside)
- “Electromagnetic Control of Hypersonic Shockwaves for Re-Entry Bodies”
- Dr. Zheng-Tao Deng
- $199,994

High Energy Density Materials for Propulsion and Power Generation

- Harvard University
- "Toward Metallic Hydrogen: A Possible Metastable Super-high Specific Impulse Chemical Rocket Fuel"
- Dr. Isaac F. Silvera (accepting the award is Dr. Ken Kobayashi, National Research Council Research Associate)
- $199,470

Application of Micro Electrical Mechanical Systems (MEMS) and Nano-Technology to Sensors, Advanced Materials, Propulsion, and Structures

- Auburn University
- "Electrostatic MEMS Platforms With Integrated Controllers"
- Dr. John Y. Hung
- $175,868

Application of Micro Electrical Mechanical Systems (MEMS) and Nano-Technology to Sensors, Advanced Materials, Propulsion, and Structures

- Tuskegee University
- "Formulation and Characterization of Nanostructured Thermoplastic Polyimide Coating"
- Dr. Heshmat A. Aglan
- $189,929

QUESTIONS ?